



09-17-04

PATENT

2631  
41

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

(Atty. Docket No.: 99-784-A)

First Named Inventor: Strait )

Application No.: 09/761,519 )

Filing Date: January 16, 2001 )

Title: Method and System for a Multiple  
Dimensional Adaptive Frequency  
Domain Noise Canceller for DMT  
Transceivers )

Examiner: K.M. Burd

Group Art Unit: 2631

Confirmation No.: 5663

**RECEIVED**

SEP 20 2004

Technology Center 2600

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**TRANSMITTAL LETTER**

Commissioner:

Enclosed please find a Response to the Office Action mailed June 16, 2004, and a Return Receipt Postcard

With respect to fees:

☒ No fees are required.

☐ Attached is a check in the amount of \$ \_\_\_\_\_.00.

Please debit or credit Deposit Account No. 13-2490 for any fees owed or any fees overpaid, respectively. A copy of this sheet is attached for that purpose.

The undersigned states that this Transmittal Letter and the documents listed above are being deposited according to the provisions of 37 C.F.R. § 1.10 (MPEP § 513) with the United States Postal Service as Express Mail Post Office to Addressee (Exp. Mail No. EV 334643529 US) in an envelope with sufficient postage addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on the date indicated below.

Date: September 16, 2004

Respectfully submitted,

*Mark L. Chael*

Mark L. Chael, J.D., Ph.D.

Registration No. 44,601



McDonnell Boehnen Hulbert & Berghoff LLP  
300 South Wacker Drive  
Chicago, Illinois 60606  
312 913 0001, telephone  
312 913 0002, facsimile



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

(Atty. Docket No.: 99-784-A)

First Named Inventor: Strait )

Application No.: 09/761,519 )

Filing Date: January 16, 2001 )

Title: Method and System for a Multiple )  
Dimensional Adaptive Frequency )  
Domain Noise Cancellor for DMT )  
Transceivers )

Examiner: K.M. Burd

Group Art Unit: 2631

Confirmation No.: 5663

**RECEIVED**

SEP 20 2004

Technology Center 2600

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RESPONSE TO THE OFFICE ACTION MAILED JUNE 16, 2004**

Commissioner:

In response to the Office Action mailed June 16, 2004 ("the Office Action"), the applicant respectfully submits the following remarks and amendments. The amendments are made merely to expedite prosecution of the present patent application. Furthermore, the amendments are made without prejudice to future prosecution, without disclaimer of any subject matter, and without presumption that the actions are taken for any reason related to patentability.